| Code: | 1a.1 | 1a.2 | 1a.3 | 1b.1 | 1b.2 | 1c.1 | 1d.1 | 1d.2 | 1d.3 | 1d.4 | 1d.5 | 1e.1 | 1f.1 | 1f.2 | 1f.3 | 2a.1 | 2a.2 | 2a.3 | 2a.4 | 2a.5 | 2a.6 | 2b.1 | 2b.2 | 2b.3 | 2b.4 | 2b.5 | 2c.1 | 2c.2 | 2c.3 | 2d.1 | 2d.2 | 2d.3 | 2e.1 | 2e.2 | 2e.3 | 2f.1 | 2f.2 | 2f.3 | 2f.4 | 2f.5 | 2f.6 | 2f.7 | 2f.8 | 2f.9 | 2f.10 | 2f.11 | 2g.1 | 2g.2 | 2g.3 | 2g.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Descriptor: | Pupils understand what algorithms are | Pupils understand how algorithms are implemented as programs on digital devices | programs execute by following precise and unambiguous instructions | Pupils understand how to create simple programs | Pupils understand how to debug simple programs | Pupils understand how to use logical reasoning to predict the behaviour of simple programs | Pupils understand how to use technology purposefully to create digital content | Pupils understand how to use technology purposefully to organise digital content | Pupils understand how to use technology purposefully to store digital content | Pupils understand how to use technology purposefully to manipulate digital content | Pupils understand how to use technology purposefully to retrieve digital content | Pupils understand how to recognise common uses of information technology beyond school | technology safely and respectfully | Pupils understand how to keep personal information private and for help and support when they have concerns about content or contact on the internet or other online technologies | Pupils understand how to design programs that accomplish specific goals | Pupils understand how to write programs that accomplish specific goals | Pupils understand how to debug programs that accomplish specific goals | Pupils understand how to simulate physical systems | Pupils understand how to control physical systems | Pupils understand how to solve problems by decomposing them into smaller parts | Pupils understand the concept of sequence in programs | Pupils understand the concept of selection in programs | Pupils understand the concept of repetition in programs | Pupils understand the concept of variables in programs | Pupils understand how to use various forms of input and output | Pupils understand how to use logical reasoning to explain how some simple algorithms work | Pupils understand how to detect and correct errors in algorithms | Pupils understand how to detect and correct errors in programs | Pupils understand how computer networks including the internet work | Pupils understand how the internet can provide multiple services, such as the world-wide web | Pupils understand the opportunities they offer for communication and collaboration | Pupils understand how to use search technologies effectively | Pupils understand how results are selected and ranked | Pupils understand how to use discerning in evaluating digital content | Pupils understand how to select a variety of software (including internet services) on a range of digital devices to accomplish given goals | Pupils understand how to use a variety of software (including internet services) on a range of digital devices to accomplish given goals | Pupils understand how to combine a variety of software (including internet services) on a range of digital devices to accomplish given goals | Pupils understand how to collect information | Pupils understand how to collect data | Pupils understand how to analyse information | Pupils understand how to analyse data | Pupils understand how to evaluate information | Pupils understand how to evaluate data | Pupils understand how to present information | Pupils understand how to present data | Pupils understand how to use technology safely and responsibly | Pupils understand how to use technology respectfully | Pupils understand what is acceptable/unacceptable behaviour online | Pupils understand a range of ways to report concerns about content and contact using technology |
| K1 BeeBot Fun | X | | X | X | X | | X | X | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K1 Scratch Jnr | X | X | X | X | X | X | X | X | X | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K1 Graphics | | | | | | | X | X | X | | X | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K1 Animation | | | | | | | X | X | X | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K1 eBooks | | | | | | | X | X | X | X | X | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K1 Online Safety Introduction | | | | | | | | | | | | | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K1 Online Safety Experts | | | | | | | X | X | X | X | X | | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K1 Internet Searching | | | | | | | X | X | X | X | X | X | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K2 Scratch Animation | | | | | | | | | | | | | | | | | X | X | X | | X | X | | X | | | X | X | X | | | | | | | | | | | | | | X | | | | |
| K2 Scratch Quiz | | | | | | | | | | | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X | | | | | | | X | | | | | | X | | | | |
| K2 Scratch Game | | | | | | | | | | | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X | | | | | | | X | | | | | | X | | | | |
| K2 Microbits | | | | | | | | | | | | | | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | | | | | | | | | | | | | | | |
| K2 Networking | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| K2 Animation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | | X | | | | X | | X | | |
| K2 Green Screen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | X | X | | X | | X | | | X | X | X | |
| K2 GarageBand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | X | X | | X | | X | | | X | X | X | |
| K2 eBook | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | X | | | | |
| K2 Spreadsheets | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | | X | | X | X | X | X | | |
| K2 SMART Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | | | | | | | X | X | X | X |
| K2 Online Safety Comic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | X | | | X | | X | | X | X | X | X |
| K2 Online Safety Presentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | X | X | X | X |
| K2 SMART Podcast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | | | X | | | | | X | | X | | X | X | X | X |
| KS2 Audio podcast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | X | | | | | X | | X | | X | X | | |
| KS2 Choose your own adventure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | | | | X | | | | |

Key:

Acorn Class:

Chestnut Class:

Maple class:

Orchard Class